# Status App Trusted Applications

## Summary

**Spec Workshop Date: May 22, 2017**

**Attendees: Matt Martens, Scott Saxon, Daniel Crumly, Natalie Pressley, Matt Chechini, Alex Deluca, Mark Reese, Ryan Cody, Sri Davu, Peter Plofchan, Jason Gilman, Steve Berrick, Dana Shum, Katie Kelly, Nevin Apondo, Maitreyee Pasad**

**Background Information:**

EPR-360 - JIRA project doesn't exist or you don't have permission to view it.

DOWN-146 - JIRA project doesn't exist or you don't have permission to view it.

This specification workshop is to help us understand how Status App will be used to post notifications to ones own site and other sites. Here are several key use cases to discuss:

A) An application owner wants to post an notification on his/her own application noting an upcoming outage or PM. (This is available today)

B) Data service providers (GIBS, DAACs) want to post a notification on a consumer application (like EDSC) notifying users that an underlying service will have an upcoming outage, new feature, etc.

> This is do-able today, but the provider would need to have an application owner role on each consumer application and then apply the notification to the consumer application. This is not ideal since the service providers are not application owners and shouldn't have all the same permissions as the true app-owners.

C) Data service providers (GIBS, DAACs) want to post a notification to multiple applications all at once (e.g. GIBS wants to post to Worldview and EDSC, DAAC wants to post to EDSC and DAAC applications).

> This is do-able today, but the provider would need to have an application owner role on each consumer application and then apply the notification to each application. This is not ideal, for the reasons listed above and because this is time consuming and error prone.

Questions to Consider:

- How can a client app post notifications on other site?
- How can a client app share notifications with other sites?
- How does a site allow other client apps to post notifications to itself? Approval workflow and/or trusted partner mode?
- What would be order of notifications on a site that posts it's own notifications as well as from other client apps?
- How should the notifications on a site be ordered/prioritized? All self notifications before other notifications. All outage notifications before other notifications etc.
- Currently Status App supports a path parameter to post notifications to a subset of any site. How will this be managed?

## Key User Stories

1. As a client-app owner, I can add a trusted-app relationship with my app.
2. As a client-app owner, I can remove previously approved trusted-app relationship with another client-app
3. As a client-app owner, I can view my upstream and downstream approved trusted-app relationships with other client-apps

4. As an operator, I can see a list of all upstream and downstream trusted-app relationships
5. As an operator, I can create trusted app relationships.
6. As an operator, I can delete trusted app relationships.

7. As a client-app owner, I can create notification to only show up on my site
8. As a client-app owner, I can post a notification to a trusted-app site
9. As a client-app owner, I can post a notification to all trusted-app sites
10. As a client-app owner I can see all notifications from my trusted-apps.
11. As a client-app owner, I can have notifications from trusted-apps approved by default
12. As a client-app owner, I can disapprove previously approved notifications from trusted-apps.
13. As a client-app owner, I can override the default order of notifications. (Default order is based on highest priority first, then my app above externals, then most recent time

SAVE STORIES BELOW FOR A FUTURE DATE, this functionality can be handled via email for now.

1. As an owner of a client-app I can see a page of approved, pending (needing approval), or disapproved notifications.
2. As an "Author" in Status App I can create notifications to be shared with public that can be posted on client-app sites.
3. As a client-app owner, I can approve a "public" notification to be posted on my site
4. As a client-app owner, I can disapprove a public notification before it is posted on that my site
5. As a client-app (downstream trusted-app) owner, I can designate the subdomain to which a (upstream) trusted app can post a notification.

## Known Deadlines

Spec workshop with customer on May 22

## Rough Sizing Estimates

## Definitions

**Client-app** An application that uses Status App to post notifications currently on it's own site

**Trusted-app** A relationship between two client-apps (one upstream and one downstream) where the downstream client-app has given the upstream client-app privileges to post notifications to it without needing approval for each notification

**Owner** of a client-app is a NAMS user that has permissions to post notifications on behalf of that client-app

**Operator** of Status App is a NAMS user that has administrator privileges within Status App.

**Author** A NAMS user that may not be an owner of any client-app but wishes to post notifications that client-apps can post to their site after approval

**Public** A way to specify that a notification should be submitted for approval on all client-apps

## Notes

- Trust relationships are one way
- App-owners will go into the tool to add a trusted application to their application
- Trust relationships are point - to - point, not transitive
- ECS DAACs would need to create a semi-fake status-app application in order to post ECS outages to other sites (like EDSC)

**Example**

Application: EDSC, App-Owners: Mark R and Dana

Application: GIBS, App-Owners: Matt and Natalie

If GIBS wants to post to EDSC, Matt/Natalie contacts Mark R or Dana offline (email/phone/chat/etc).

Mark/Dana then use the StatusApp to add GIBS as a trusted partner of EDSC, allowing any of the GIBS app-owners to post to EDSC.

From then on, Matt/Natalie can post notifications to EDSC which will be approved by default

If Mark/Dana feel the need to disapprove any notifications from GIBS, they can go into the StatusApp tool and disapprove the notification which will prevent it from displaying on EDSC.